

# Condition pairs: MBD2 siRNA with VAN vs Control# Fold Change cut-off: 2.0

# Column "ID": array ID of the probes, each miRNA always has its unique probe, but some miRNAs may have two different probes.

# Column "Name": the name of each miRNA.

# Column "Fold change": the ratio of normalized intensities between two conditions (use normalized data, ratio scale).

# Column "ForeGround": the foreground intensity of each probe.

# Column "ForeGround-BackGround": the signal of the probe after background correction.

# Column "Normalized": the normalized ratio of the microRNA. Median Normalization Method was adopted.

NOTE: The low intensity differentially expressed miRNAs are filtered in the following list (miRNAs that ForeGround-BackGround intensities < 30 in two samples are filtered). If you

### MBD2 siRNA with VAN vs Control 2.0 fold up regulated miRNAs

ID	Name	Fold change	ForeGround	eGround-BackGround	Normalized			
ID	Name	MBD2 siRNA with VAN vs Control	control	MBD2 siRNA with VAN	control	MBD2 siRNA with VAN	control	MBD2 siRNA with VAN
17928	hsa-miR-181a-2-3p	5.54823	66.5	124.5	13	64	0.1	0.31258
42696	hsa-miR-943	9.74036	61.5	129	7	60.5	0	0.29548
42795	kshv-miR-K12-3-5p	4.20058	62.5	107.5	11	41	0	0.20024
146117	hsv1-miR-H6-3p	11.2698	56.5	107.5	4.5	45	0	0.21978
145838	hsa-miR-125b-1-3p	4.2575	69.5	102.5	9	34	0	0.16606
145678	hsa-miR-150-5p	3.20417	77	141.5	25.5	72.5	0.1	0.35409
147165	hsa-let-7b-5p	2.06643	695	1240	640	1173.5	2.8	5.73138
168640	hsa-miR-4475	4.93541	115	320	58	254	0.3	1.24054
169170	hsa-miR-4472	4.62657	64	104	9.5	39	0	0.19048
169043	hsa-miR-4462	6.64921	60.5	121.5	10	59	0	0.28816
169358	hsa-miR-4417	4.50794	59.5	91.5	7.5	30	0	0.14652
147595	hsa-miR-3178	3.81306	149.5	394	96.5	326.5	0.4	1.59463
27565	hsa-miR-423-5p	3.57903	215.5	590	165	524	0.7	2.55922
147767	hsa-miR-4279	3.59449	109	217	47.5	151.5	0.2	0.73993
148682	hsa-miR-483-3p	3.03248	130.5	272.5	76	204.5	0.3	0.99878
169282	hsa-miR-4290	3.52421	124.5	248.5	59	184.5	0.3	0.9011
169034	hsa-miR-642b-5p	3.85461	91	182.5	34.5	118	0.1	0.57631
27568	hsa-miR-744-5p	3.30888	137	316	86	252.5	0.4	1.23321
42832	hsa-miR-638	4.7709	61.5	128	15	63.5	0.1	0.31013
146090	hsv1-miR-H7-3p	3.06235	168.5	391.5	118.5	322	0.5	1.57265
147938	hsa-miR-4287	5.47392	66	122	10.5	51	0	0.24908
148687	hsa-miR-1908-5p	3.77253	111.5	262.5	59	197.5	0.3	0.96459
168572	hsa-miR-4507	5.63492	64	102	7	35	0	0.17094
169320	hsa-miR-4468	2.93016	117.5	226	60	156	0.3	0.7619
169319	hsa-miR-3136-3p	2.47937	91.5	157.5	42.5	93.5	0.2	0.45665
42502	hsa-miR-204-3p	5.12509	114	354	63	286.5	0.3	1.39927
46789	hsa-miR-513b-5p	2.67137	64	103	13.5	32	0.1	0.15629
168919	hsa-miR-4456	3.65328	248	696.5	194.5	630.5	0.8	3.07937
168661	hsa-miR-4531	6.38624	58.5	101	6	34	0	0.16606
168776	hsa-miR-4795-3p	6.36537	105	371	54	305	0.2	1.48962

168998	hsa-miR-4508	13.2734	55	120.5	4.5	53	0	0.25885
42782	hcmv-miR-UL148D	3.11048	69	102	12.5	34.5	0.1	0.1685
46336	hsa-miR-1284	7.2034	107	374.5	48.5	310	0.2	1.51404
42581	hsa-miR-513a-5p	6.86674	76.5	197	21.5	131	0.1	0.6398
168843	hsa-miR-5694	4.01206	69.5	113	12.5	44.5	0.1	0.21734
168995	hsa-miR-4791	2.13811	164.5	276.5	107	203	0.5	0.99145
169050	hsa-miR-4787-5p	6.82098	189.5	831	124	750.5	0.5	3.66545
146165	hsa-miR-1973	2.14127	83	106.5	20	38	0.1	0.18559
168727	hsa-miR-4426	3.94444	61.5	105.5	10	35	0	0.17094
168971	hsa-miR-4449	6.38624	63.5	132	12	68	0.1	0.33211
169087	hsa-miR-149-3p	4.59142	63.5	119.5	13.5	55	0.1	0.26862
146196	hsa-miR-711	4.92193	104	282.5	49	214	0.2	1.04518
148085	hsa-miR-3687	18.7831	61	189	7.5	125	0	0.6105
168765	hsa-miR-4448	5.68859	65	119.5	10.5	53	0	0.25885
168928	hsa-miR-4431	2.04453	110	167	56.5	102.5	0.2	0.50061
169079	hsa-miR-4667-5p	2.79899	118.5	215.5	61	151.5	0.3	0.73993
169399	hsa-miR-4750-5p	4.08654	113	273	57.5	208.5	0.2	1.01832
145768	hsa-miR-665	3.38095	112	246.5	59.5	178.5	0.3	0.87179
147604	hsa-miR-4285	4.71079	80.5	173	25	104.5	0.1	0.51038
147804	hsv1-miR-H17	10.5856	64	203	14	131.5	0.1	0.64225
148263	hsa-miR-1273e	4.8836	64.5	118	12	52	0.1	0.25397
168893	hsa-miR-4505	4.93541	67	135.5	14.5	63.5	0.1	0.31013
169179	hsa-miR-4650-5p	3.94444	88.5	174.5	29	101.5	0.1	0.49573
42929	hsa-miR-25-5p	2.46097	78	118.5	24.5	53.5	0.1	0.26129
148032	hsa-miR-3685	2.01587	88.5	128.5	35.5	63.5	0.2	0.31013
17488	kshv-miR-K12-6-3p	7.1539	81.5	212.5	23	146	0.1	0.71306
168921	hsa-miR-4718	6.41514	62.5	99	6.5	37	0	0.18071
169285	hsa-miR-4467	2.90572	308	703	249	642	1.1	3.13553
169379	hsa-miR-4694-3p	3.9914	62	109	12	42.5	0.1	0.20757
169232	hsa-miR-3156-3p	2.07365	114	177.5	62.5	115	0.3	0.56166
169395	hsa-miR-4484	2.03347	106.5	147	46	83	0.2	0.40537
146072	hsa-miR-1469	5.14187	83	180.5	24	109.5	0.1	0.5348
147942	hsa-miR-4268	6.14206	86.5	230.5	30	163.5	0.1	0.79853
148622	hsa-miR-877-3p	4.09053	70.5	114.5	13.5	49	0.1	0.23932
169375	hsa-miR-660-3p	3.92921	107.5	258.5	55.5	193.5	0.2	0.94505
169189	hsa-miR-4795-5p	3.28704	65	106.5	12	35	0.1	0.17094
147631	hsa-miR-4258	6.1045	60.5	94.5	6	32.5	0	0.15873
148156	hsa-miR-3686	2.67925	158.5	315.5	106	252	0.5	1.23077
168941	hsa-miR-4501	2.77989	91	153.5	37.5	92.5	0.2	0.45177
169116	hsa-miR-4788	4.38272	65.5	115.5	13.5	52.5	0.1	0.25641
42702	hsa-miR-30c-1-3p	3.87095	78	142.5	23	79	0.1	0.38584
168638	hsa-miR-4530	7.34418	88	258.5	30	195.5	0.1	0.95482
169024	hsa-miR-3960	3.2052	371	949.5	311	884.5	1.3	4.3199
169028	hsa-miR-4708-3p	4.14485	177	504	119.5	439.5	0.5	2.14652
13137	hsa-miR-518e-5p/hs	4.71284	73	114	11	46	0	0.22466
42458	hcmv-miR-US25-1-3	9.48545	70.5	125	6	50.5	0	0.24664
148678	hsa-miR-301a-5p	2.49986	87	127	27.5	61	0.1	0.29792
147738	hsv2-miR-H20	2.56133	93.5	145.5	33	75	0.1	0.3663
168935	hsa-miR-4687-3p	4.22619	73	125.5	16	60	0.1	0.29304
168672	hsa-miR-1587	12.1714	66.5	149	7.5	81	0	0.3956
17668	hsa-miR-552-3p	7.3254	65	131.5	11	71.5	0	0.34921

147790	hsv2-miR-H7-3p	4.50794	80.5	169	27	108	0.1	0.52747
168978	hsa-miR-371b-5p	3.26375	178	418	125	362	0.5	1.76801
169228	hsa-miR-4698	2.3291	82.5	122	30	62	0.1	0.30281
169110	hsa-miR-4497	4.81806	330.5	1247.5	278	1188.5	1.2	5.80464
169313	hsa-miR-4800-3p	5.95692	293.5	1322	238	1258	1	6.14408
169155	hsa-miR-4480	2.39484	73	97	16	34	0.1	0.16606
169388	hsa-miR-663a	7.67758	66	116.5	8	54.5	0	0.26618
147667	hsa-miR-3182	2.96772	71.5	110	15	39.5	0.1	0.19292
168944	hsa-miR-4707-5p	4.30669	71.5	118.5	14	53.5	0.1	0.26129
168660	hsa-miR-5000-5p	11.2698	61.5	120.5	5.5	55	0	0.26862

### MBD2 siRNA with VAN vs Control 2.0 fold down regulated miRNAs

		Fold change	ForeGround	Background	BackGround	Normalized		
ID	Name	MBD2 siRNA with VAN vs Control	control	MBD2 siRNA with VAN	control	MBD2 siRNA with VAN	control	MBD2 siRNA with VAN
145693	hsa-miR-92a-3p	0.41922	154	107	103.5	38.5	0.4	0.18803
145643	hsa-miR-382-5p	0.4699	198	133	147.5	61.5	0.6	0.30037
145844	hsa-miR-374a-5p	0.1955	112.5	84.5	49	8.5	0.2	0.04151
145634	hsa-miR-132-5p	0.37153	100.5	81.5	45.5	15	0.2	0.07326
46320	hsa-miR-31-3p	0.27643	106.5	81.5	53	13	0.2	0.06349
10925	hsa-miR-10b-5p	0.35289	104	78.5	49.5	15.5	0.2	0.0757
13140	hsa-miR-138-5p	0.40841	529.5	243.5	476	172.5	2.1	0.84249
145746	hsa-let-7i-3p	0.42857	90.5	81.5	35.5	13.5	0.2	0.06593
11005	hsa-miR-204-5p	0.38957	92	79.5	40.5	14	0.2	0.06838
42451	hsa-miR-139-3p	0.19815	99.5	72	45.5	8	0.2	0.03907
147997	hsa-miR-3934-5p	0.32349	112	81	54	15.5	0.2	0.0757
148559	hsa-miR-411-3p	0.35649	101.5	81	49	15.5	0.2	0.0757
28950	hsa-miR-455-3p	0.31384	98.5	81.5	39.5	11	0.2	0.05372
27544	hsa-miR-363-5p	0.48709	119	93.5	59	25.5	0.3	0.12454
147771	hsa-miR-4328	0.20147	142.5	77	89.5	16	0.4	0.07814
168915	hsa-miR-4780	0.47584	127.5	93	67.5	28.5	0.3	0.13919
13147	hsa-miR-96-5p	0.47098	88.5	78.5	33.5	14	0.1	0.06838
46918	hsa-miR-375	0.13744	95.5	67	41	5	0.2	0.02442
29490	hsa-miR-7-5p	0.43149	454	216.5	397	152	1.7	0.74237
13171	hsa-miR-429	0.36883	141.5	98	82.5	27	0.4	0.13187
42532	hsa-miR-22-5p	0.34676	108.5	86	45.5	14	0.2	0.06838
10952	hsa-miR-146a-5p	0.3734	391.5	172.5	332	110	1.4	0.53724
13177	hsa-miR-143-3p	0.23755	781.5	219.5	723.5	152.5	3.1	0.74481
145640	hsa-miR-328-3p	0.01708	90	63	33	0.5	0.1	0.00244
13133	hsa-miR-520a-5p	0.40833	91	85	34.5	12.5	0.1	0.06105
46801	hsa-miR-106a-5p	0.49705	287.5	172.5	229	101	1	0.49328
10987	hsa-miR-193b-3p	0.45079	102	87	40	16	0.2	0.07814
146049	hsa-miR-28-5p	0.253	129	79.5	73.5	16.5	0.3	0.08059